

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], **References Cited**, FOREIGN PATENT DOCUMENTS, "JP 2000285751 * 10/2000" should read -- JP 2000-285751 * 10/2000 --.

Item [57], **ABSTRACT**,

Line 8, "structure." should read -- structure: --;

Line 11, "a" (second occurrence) should read -- an --; and

Line 12, "atoms.)" should read -- atoms). --.

Column 1.

Line 54, "has reported" should read -- has been reported --; and

Line 57, "been" should be deleted.

Column 2.

Line 38, "Documents" should read -- Document --.

Column 3.

Line 4, "are" should read -- is --.

Column 4.

Line 39, "structure." should read -- structure: --;

Line 51, "a" (second occurrence) should read -- an --; and

Line 52, "atoms.)" should read -- atoms). --.

Column 5.

Line 37, "an" should read -- a --; and

Line 67, "structure." should read -- structure: --.

Column 6.

Line 12, "a" (second occurrence) should read -- an --;

Line 13, "atoms.)" should read -- atoms). --;

Line 22, "provide" should read -- provides --; and

Line 67, "a" (first occurrence) should read -- an --.

Column 7.

Line 29, "(2)." should read -- (2): --;

Line 41, "group.)" should read -- group). --; and

Line 62, "combination two" should read -- combination of two --.

Column 8.

Line 11, "body." should read -- body: --;

Line 21, "is" should read -- are --;

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8 (cont'd).

Line 24, "atoms.)" should read -- atoms). --;
Line 38, "a" should read -- an --; and
Line 67, "(4)." should read -- (4): --.

Column 9.

Line 8, "is" should read -- are --;
Line 12, "group.)" should read -- group). --;
Line 31, "combination two" should read -- combination of two --; and
Line 43, "provide" should read -- provides --.

Column 10.

Line 33, "crosslingking" should read -- crosslinking --.

Column 11.

Line 3, "numerals" should read -- numeral --;
Line 15, "structurally" should read -- structural --;
Line 41, "starveling" should read -- traveling --; and
Line 67, "molecular" should read -- molecule --.

Column 12.

Line 4, "two-molecular" should read -- two-molecule --.

Column 13.

Line 9, "mean" should read -- means --; and
Line 20, "sate" should read -- state --.

Column 14.

Line 36, "a" should read -- an --; and
Line 66, "matrix)" should read -- matrix --.

Column 15.

Line 4, "is" should be deleted;
Line 5, "meant" should read -- means --; and
Line 28, "filed." should read -- field. --.

Column 16.

Line 37, "nor" should read -- or --; and
Line 51, "alky" should read -- alkyl --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 19,

Line 28, "(6)." should read -- (6): --;
Line 43, "below.)" should read -- below). --; and
Line 51, "E_n," should read -- E_j, --.

Column 20,

Line 1, "is meant" should read -- means --; and
Line 6, "increase," should read -- increased, --.

Column 22,

Line 29, "nation two" should read -- nation of two --;
Line 37, "sufoxide" should read -- sulfoxide --; and
Line 40, "sulfuly" should read -- sulfuryl --.

Column 23,

Line 6, "to the" should read -- to improve the --;
Line 17, "an" should read -- a --; and
Line 38, "R³" should read -- R³ --.

Column 26,

Line 42, "capable forming" should read -- capable of forming --.

Column 27,

Line 14, "contain" should read -- contains --;
Line 28, "to" should be deleted;
Line 56, "having described," should read -- having been described, --; and
Line 67, "a" (first occurrence) should read -- an --.

Column 28,

Line 29, "R³is" should read -- R³ is --.

Column 29,

Line 23, "tetraethyleneglycolethylethermethacrylate," should read -- tetraethyleneglycolethylethermethacrylate, --; and
Line 29, "an" (third occurrence) should read -- a --.

Column 30,

Line 29, "ethyleneglycoldimethacrylate" should read -- ethyleneglycoldimethacrylate --;
Line 35, "decanedioldimethacrylate" should read -- decanedioldimethacrylate --;
Line 36, "glycerindimethacrylate" should read -- glycerindimethacrylate --;
Line 53, "an" should read -- a --; and

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 30 (cont'd).

Line 65, "formamido," should read -- formamide, --.

Column 33.

Line 8, "an" should be deleted.

Column 34.

Line 41, "staked" should read -- stacked --.

Column 35.

Line 30, "technique" should read -- techniques --;
Line 43, "buttery" should read -- battery --; and
Line 65, "compound" should read -- compounds --.

Column 36.

Line 32, "buttery" should read -- battery --.

Column 37.

Line 33, "parts" should read -- part --;
Line 34, "were" should read -- was --; and
Line 44, "117°" should read -- 117°C --.

Column 39.

Line 27, "indicates" should read -- indicate --.

Column 40.

Line 41, "bodied" should read -- bodies --.

Column 41.

Line 4, "de" should read -- be --;
Line 8, "acrylate," should read -- acrylate [Example 6], --;
Line 10, "n-dodecylpolyethyleneglycol" should read
-- [Example 7], n-dodecylpolyethyleneglycol --;
Line 11, "acrylate, n-dodecylpolyethyleneglycol-(the" should read
-- acrylate [Example 8], n-dodecylpolyethyleneglycol (the --;
Line 12, "acrylate, or" should read -- acrylate [Example 9], or --; and
Line 14, "acrylate as" should read -- acrylate [Example 10] as --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 42,

Line 6, "bodied" should read -- bodies --;
Line 37, "de" should read -- be --;
Line 42, "group = 4.5)," should read -- group = 4.5) [Example 11], --;
Line 44, "group = 9)," should read -- 9 [Example 12], --;
Line 47, "group = 0.40), or" should read -- group = 0.4) [Example 13], or --; and
Line 50, "(0.088) as" should read -- 0.088 [Example 14] as --.

Column 43,

Line 42, "bodied" should read -- bodies --.

Column 44,

Line 23, "and" should be deleted;
Line 24, "which" should be deleted; and
Line 61, "s" should be deleted.

Column 47,

Line 34, "homogenously" should read -- homogeneously --; and
Line 45, "part" should read -- part --.

Column 49,

Table 1, line 17, "a" should read -- an --; and
Table 1, line 65, "a" should read -- an --.

Column 51,

Table 1, line 7, "a" should read -- an --; and
Line 59, "respectively one" should read -- respectively to one --.

Column 53,

Lines 4, 25 and 46, "respectively one" should read -- respectively to one --;
Lines 15, 36 and 57, "polyethyleneterephthalate" should read
-- polyethyleneterephthalate --;
Lines 18, 39 and 60, "70 for" should read -- 70°C. for --.

Column 54,

Line 35, "respectively one" should read -- respectively to one --;
Line 46, "polyethyleneterephthalate" should read -- polyethyleneterephthalate --; and
Line 49, "70 for" should read -- 70°C. for --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,953,642 B2
DATED : October 11, 2005
INVENTOR(S) : Tomoya Yamamoto et al.

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 55,

Line 25, "polyethylentreph-" should read -- polyethylenetereph- --.

Column 56,

Lines 1 and 46, "respectively one" should read -- respectively to one --;

Line 7, "enetrephtalate" should read -- eneterephtalate --; and

Line 59, "ethylenetrephtalate" should read -- ethyleneterephtalate --.

Column 58,

Line 54, "is" should read -- are --.

Column 59,

Line 22, "a" (second occurrence) should read -- an --.

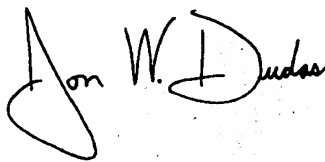
Column 60,

Line 16, "a" (second occurrence) should read -- an --; and

Line 36, "claim 5," should read -- claim 3, --.

Signed and Sealed this

Twenty-eighth Day of March, 2006

A handwritten signature in black ink, reading "Jon W. Dudas", enclosed within a rectangular box.

JON W. DUDAS

Director of the United States Patent and Trademark Office